

# Compte Rendu TP6

## Cossin Tristan

### Question 1 :



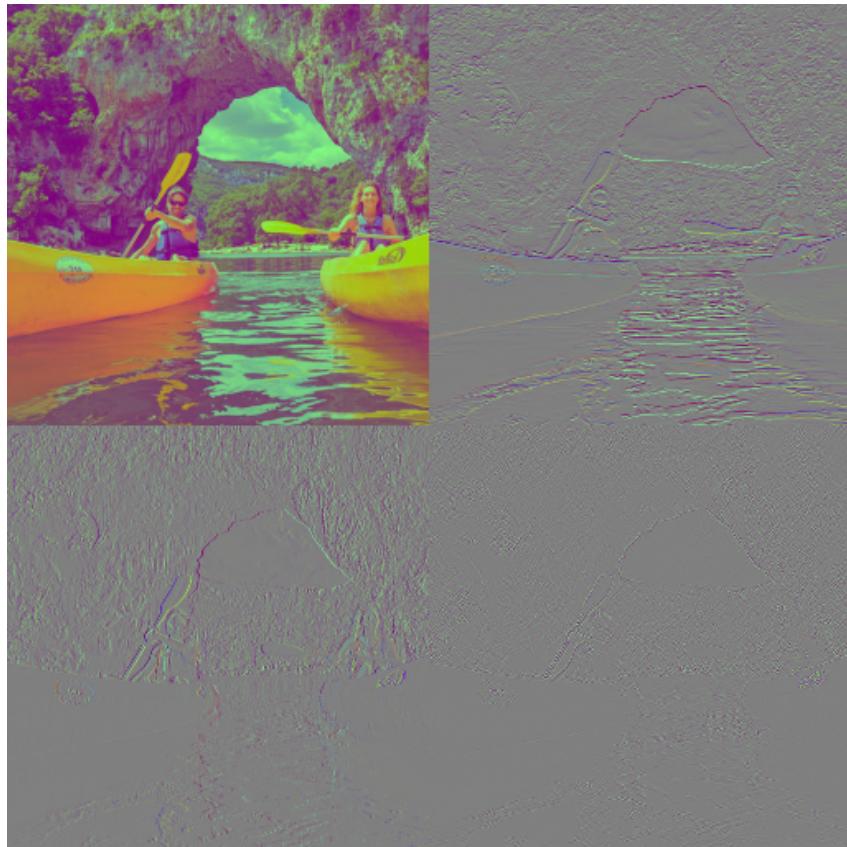
Image originale



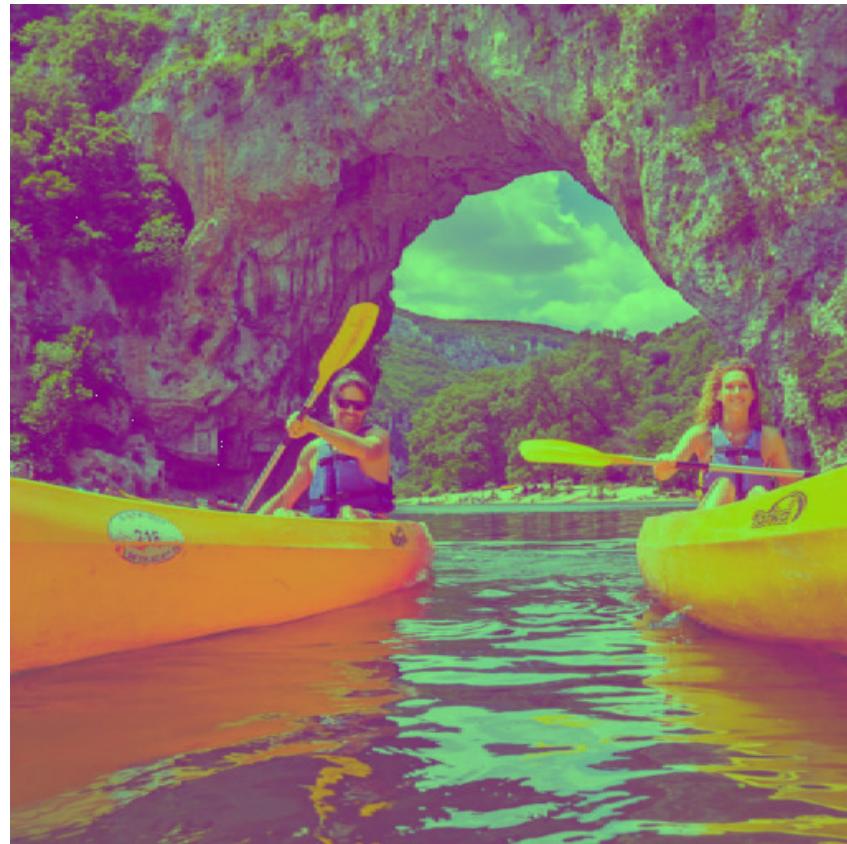
Conversion YCrCb

## **Question 2 :**

**N = 1**

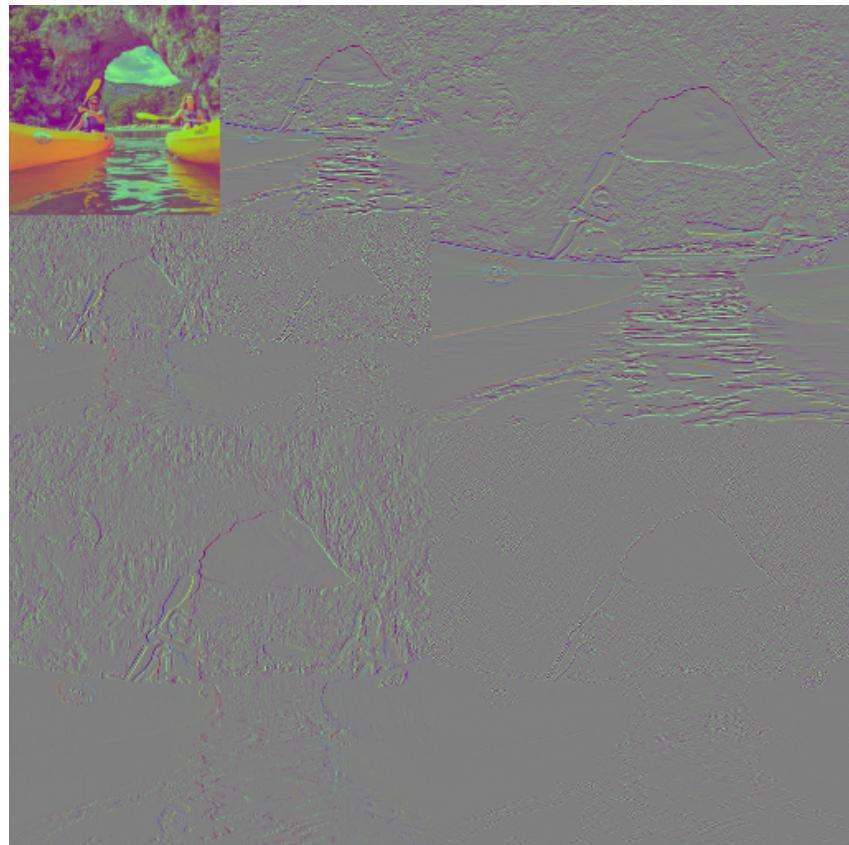


*Image compressé*

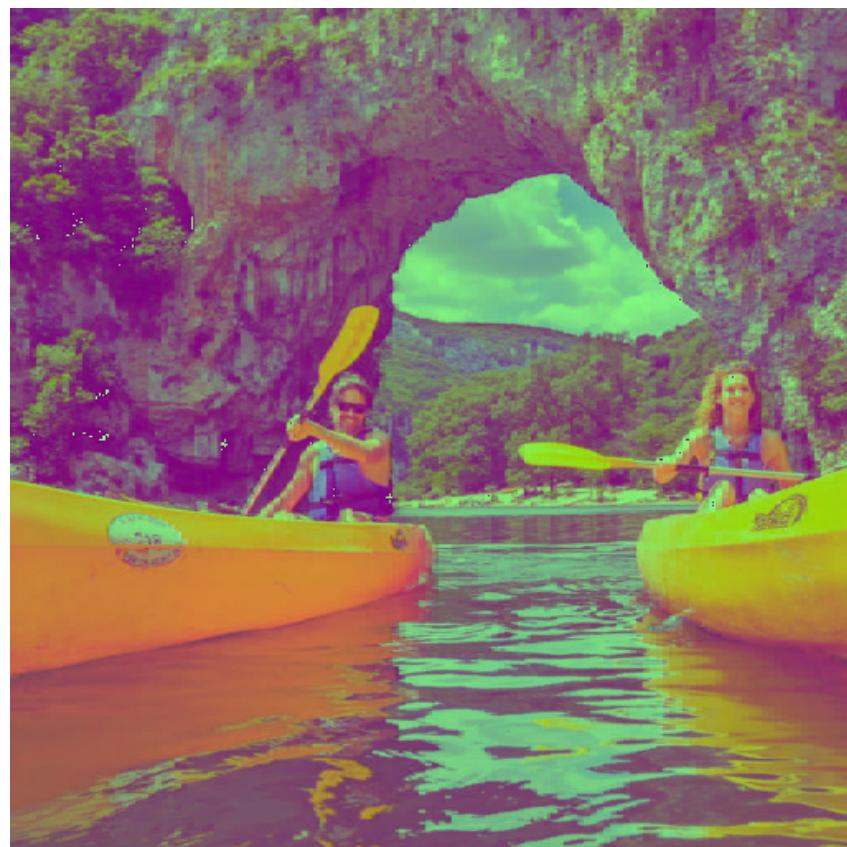


*Image décompressé*

**N = 2**

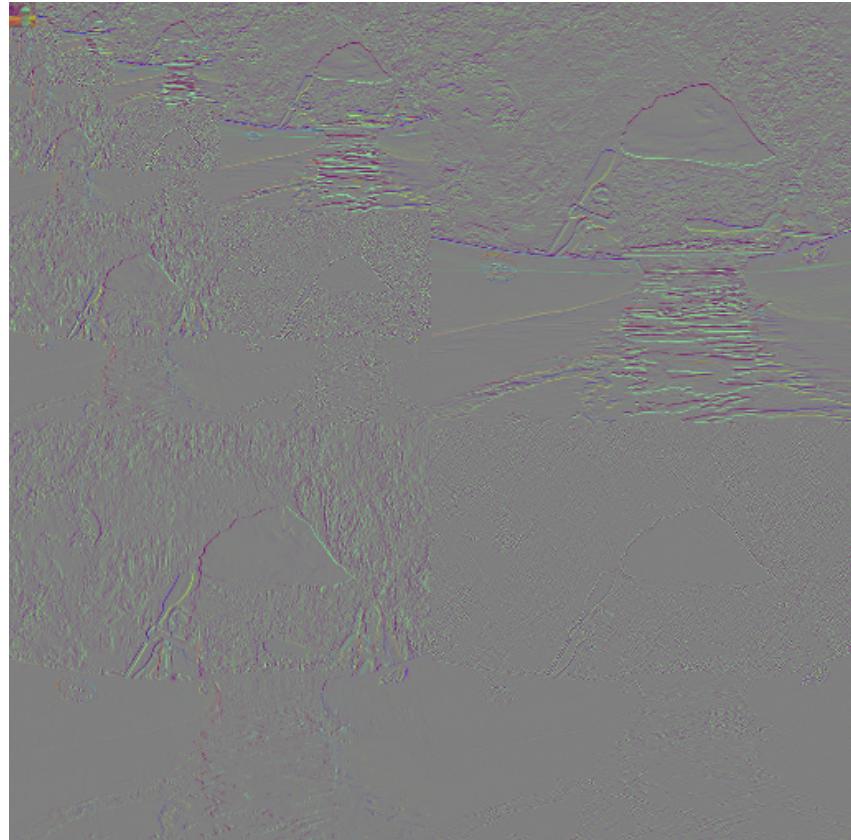


*Image compressé*

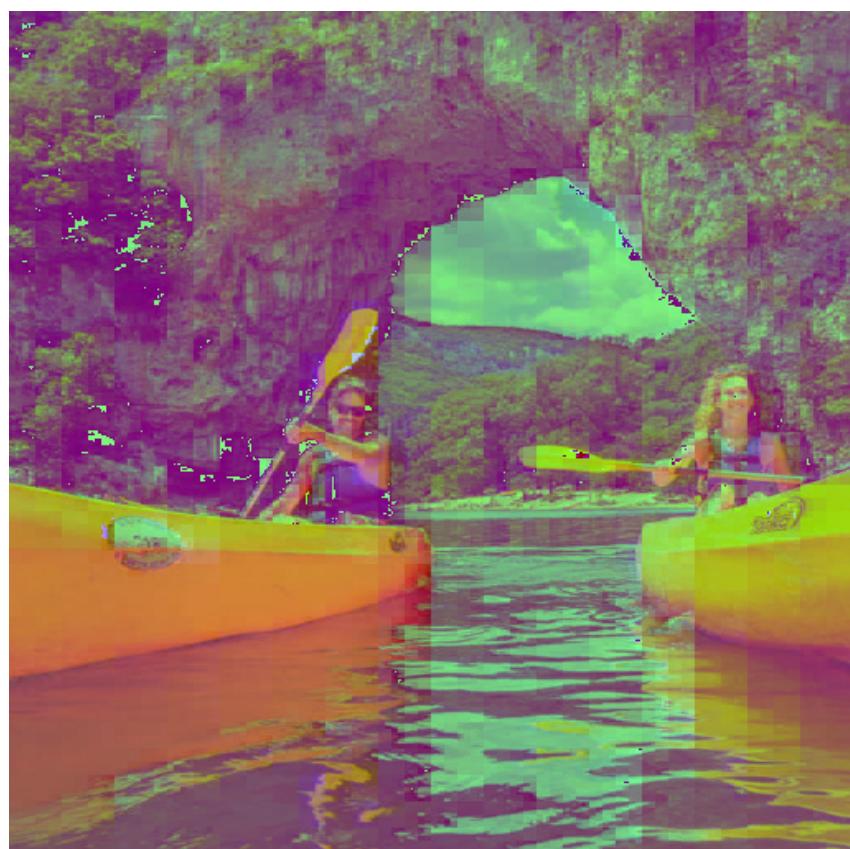


*Image décompressé*

**N = 5**

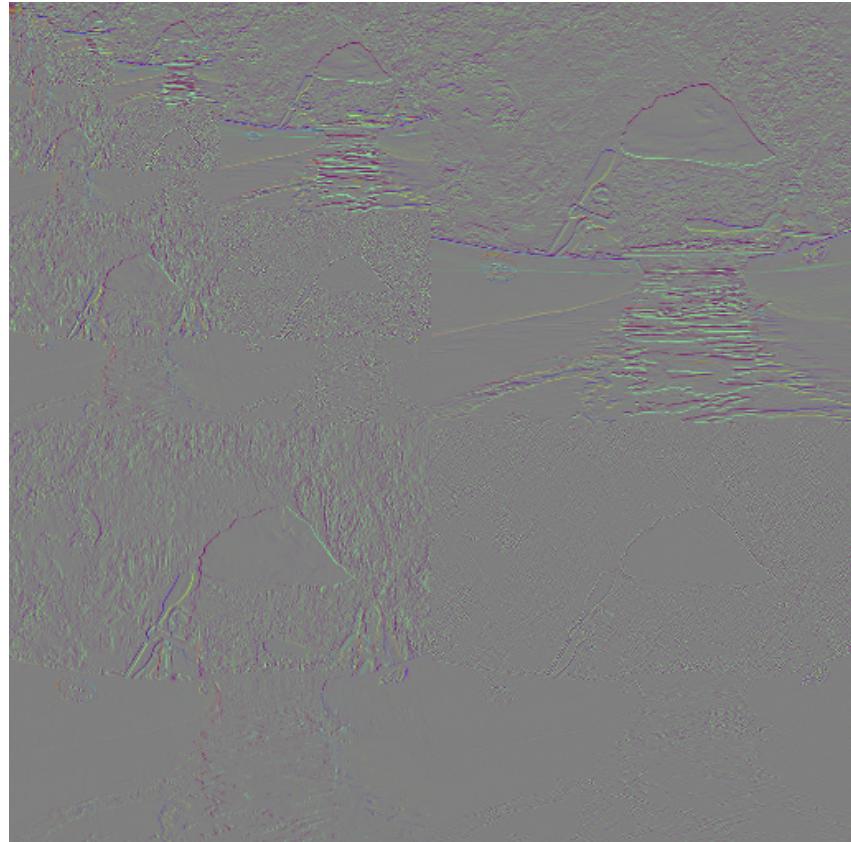


*Image compressé*

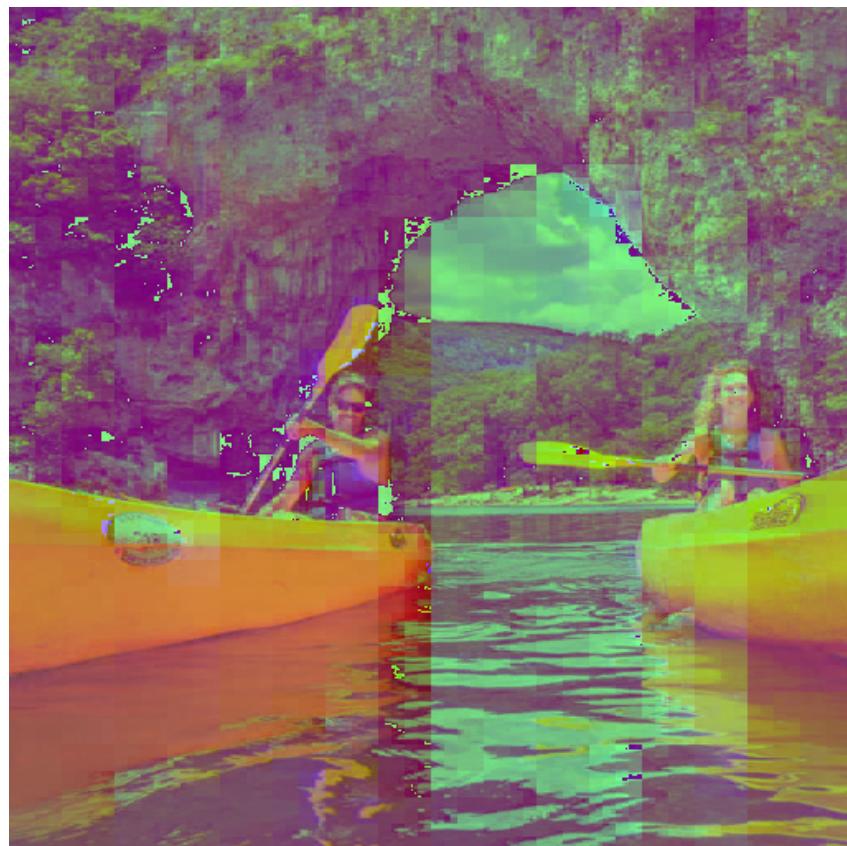


*Image décompressé*

**N = 6**



*Image compressé*



*Image décompressé*

## **PSNR :**

### **N = 1 :**

PSNR (en luminence) = 37,777

PSNR (en couleur) = 37,62

### **N = 2 :**

PSNR (en luminence) = 31,92

PSNR (en couleur) = 31,68

### **N = 3 :**

PSNR (en luminence) = 28,54

PSNR (en couleur) = 28,21

### **N = 4 :**

PSNR (en luminence) = 26,22

PSNR (en couleur) = 25,71

### **N = 5 :**

PSNR (en luminence) = 24,59

PSNR (en couleur) = 24,04

### **N = 6 :**

PSNR (en luminence) = 22,90

PSNR (en couleur) = 22,28